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CLAIMS

- 1. An apparatus for use in humidified gases delivery treatment comprising:
 - a housing.
 - a pressurised gases supply within said housing,
- a pressurised gases outlet in said housing in fluid connection with said pressurised gases supply and adapted to make fluid connection with an inlet of a humidifier in order to provide gases flow to a said humidifier, and

filter means within said inlet of said humidifier to filter said gases entering said

2. An apparatus according to claim 1 further comprising a humidified gases return in said housing, adapted to make fluid connection with an outlet of a said humidifier in order to receive humidified gases from said humidifier, and

a patient outlet in said housing, in fluid connection with said humidified gases return in order to receive humidified gases from said humidified gases return and provide humidified gases to said patient outlet, said patient outlet being in fluid connection with or adapted to make fluid connection with a breathing conduit for delivery of humidified gases to a patient.

- 3. An apparatus according to claim 1 or 2 wherein said humidifier is a heatable water chamber, and said apparatus includes, a chamber heating means connected to said housing and said housing includes a humidifier engagement locating a said humidifier adjacent said chamber heating means, said chamber heating means adapted to vaporise liquid water in said water chamber in order to provide water vapour to said gases flow passing through said water chamber.
- 4. An apparatus according to claim 3 wherein said heatable water chamber has a base and said heatable water chamber is engagable with said humidifier engagement via a single motion, and said single motion of engagement urges the base of said heatable water chamber adjacent and in contact with said chamber heating means and makes a first fluid connection between said pressurised gases outlet and said humidifier inlet, and makes a second fluid connection between said humidified gases return and said humidifier outlet, with said first and second fluid connections being made in the direction of said single motion.
- 5. An apparatus according to any one of claims 2 to 4 wherein said patient outlet includes a connector for receiving a breathing hose and at least one auxiliary electrical connection plug or socket or pneumatic connection plug or port, for a simultaneous connection when connecting a breathing circuit having complementary electrical and pneumatic connectors.

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